# Smart-UPS On-Line

**APC Smart-UPS RT 3000VA Rack Tower 208V**

SURTD3000RMXLT3U

More Images

APC Smart-UPS On-Line,2100 Watts /3000 VA,Input 208V /Output 208V, Interface Port RJ-45 10 Base-T, SmartSlot, Extended runtime model, Rack Height 3 U

**Includes**: CD with software, Rack Mounting support rails, Smart UPS signalling RS-232 cable, User Manual

**Standard Lead Time**: Usually in Stock

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**Product Category**

Computer and Peripheral (6)
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Network and Server
> Smart-UPS
> Smart-UPS BR
> **Smart-UPS On-Line**
> Symmetra
Data Center and Facility 3 Phase (15)
Special Applications (5)
UPS Management (7)

Return to Uninterruptible Power Supply (UPS)

Technical Specifications | Product Overview | Documentation | Software & Firmware | Options | Ratings and Reviews

## Output

| | |
|---|---|
| Output Power Capacity | 2100 Watts / 3000 VA |
| Max Configurable Power | 2100 Watts / 3000 VA |
| Nominal Output Voltage | 208V |
| Output Voltage Note | Configurable for 208 or 240 nominal output voltage |
| Efficiency at Full Load | 92.0% |
| Output Voltage Distortion | Less than 3% |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 |
| Other Output Voltages | 240 |
| Crest Factor | 3 : 1 |
| Topology | Double Conversion Online |
| Waveform Type | Sine wave |
| Output Connections | (2) NEMA L6-20R<br>(2) NEMA L6-30R |
| Bypass | Internal Bypass (Automatic and Manual) |

## Input

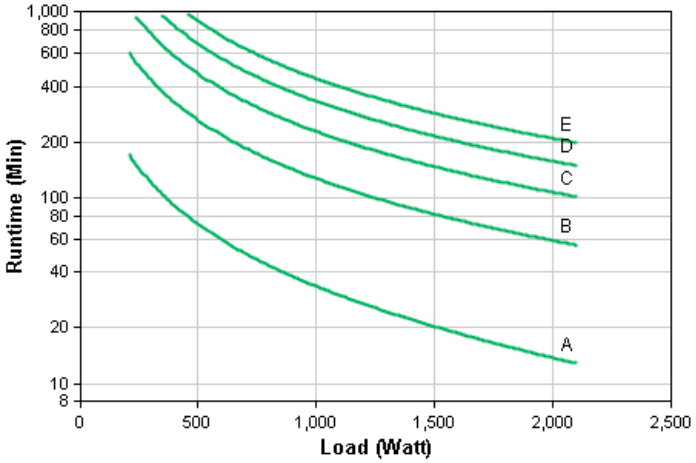
| | |
|---|---|
| Nominal Input Voltage | 208V |
| Input Frequency | 50/60 Hz +/- 5 Hz (auto sensing) |
| Input Connections | NEMA L6-30P |
| Cord Length | 3.05 meters |
| Input voltage range for main operations | 160 - 280V |
| Other Input Voltages | 240 |

## Batteries & Runtime

| | |
|---|---|
| Battery Type | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |
| Included Battery Modules | 2 |
| Typical recharge time | 2.50 hour(s) |
| Replacement Battery | RBC44 |

| | |
|---|---|
| Replacement Battery | RBC44 |
| RBC™ Quantity | 1 |
| Extended Run Options | APC Smart-UPS RT 3000VA Rack Tower 208V |
| Runtime Graph | |

| Curve | Part Number(s) |
|---|---|
| A | SURTD3000RMXLT3U |
| B | SURTD3000RMXLT3U + (1)SURT192RMXLBP3U |
| C | SURTD3000RMXLT3U + (2)SURT192RMXLBP3U |
| D | SURTD3000RMXLT3U + (3)SURT192RMXLBP3U |
| E | SURTD3000RMXLT3U + (4)SURT192RMXLBP3U |




*Hover over the line on the graph above to view the runtime at any desired load*

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

View Enlarged Graph  View Runtime Chart

## Communications & Management

| | |
|---|---|
| Interface Port(s) | RJ-45 10 Base-T, SmartSlot |
| Available SmartSlot™ Interface Quantity | 1 |
| Control panel | LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators |
| Audible Alarm | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| Emergency Power Off (EPO) | Yes |

## Surge Protection and Filtering

| | |
|---|---|
| Surge energy rating | 480 Joules |
| Filtering | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |

## Physical

| | |
|---|---|
| Maximum Height | 130.00 mm |
| Maximum Width | 432.00 mm |
| Maximum Depth | 660.00 mm |
| Rack Height | 3U |
| Net Weight | 54.55 KG |
| Shipping Weight | 63.64 KG |
| Shipping Height | 347.00 mm |
| Shipping Width | 603.00 mm |
| Shipping Depth | 980.00 mm |
| Color | Black |
| Units per Pallet | 6.00 |

## Environmental

| | |
|---|---|
| Operating Environment | 0 - 40 °C |
| Operating Relative Humidity | 0 - 95% |
| Operating Elevation | 0-3000 meters |
| Storage Temperature | -15 - 45 °C |

| | |
|---|---|
| Storage Relative Humidity | 0 - 95% |
| Storage Elevation | 0-15000 meters |
| Audible noise at 1 meter from surface of unit | 55.00 dBA |
| Online Thermal Dissipation | 636.00 BTU/hr |

**Conformance**

| | |
|---|---|
| Regulatory Approvals | CSA, FCC Part 15 Class A, OSHPD, UL 1778 |
| Standard Warranty | 2 years repair or replace |

**Sustainable Offer Status**

| | |
|---|---|
| RoHS | Compliant |

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.



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